

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)  
Sheet 1 of 1

5/25/94

In the Application of

R. Kucherlapati, et al.

Serial No. 08/031,801

Filed: 15 March 1993

Art Unit: 1802

Examiner: S. Ziska

U.S. PATENT DOCUMENTS

<u>Ref.</u> <u>Desig.</u>	<u>Examiner's</u> <u>Initials</u>	<u>Document</u> <u>Number</u>	<u>Date</u>	<u>Name</u>	<u>Class/Subclass</u>	(If appropriate) <u>Filing Date</u>
------------------------------	--------------------------------------	----------------------------------	-------------	-------------	-----------------------	--

FOREIGN PATENT DOCUMENTS

<u>Ref.</u> <u>Desig.</u>	<u>Examiner's</u> <u>Initials</u>	<u>Document</u> <u>Number</u>	<u>Date</u>	<u>Country</u>	<u>Class/Subclass</u>	(If appropriate) <u>Filing Date</u>
------------------------------	--------------------------------------	----------------------------------	-------------	----------------	-----------------------	--

1.	SEZ	WO 92/03918	19/03/92	PCT		
----	-----	-------------	----------	-----	--	--

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

<u>Ref.</u> <u>Desig.</u>	<u>Examiner's</u> <u>Initials</u>
------------------------------	--------------------------------------

Examiner:

Date Considered: 6/21/94

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)  
Sheet 1 of 5

In the Application of

R. KUCHERLAPATI, ET AL.

Serial No. 08/031,801

Filed: 15 March 1993

Art Unit: Unknown

Examiner: Unknown

U.S. PATENT DOCUMENTS

<u>Ref. Desig.</u>	<u>Examiner's Initials</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>	<u>Class/Subclass</u>	<u>(If appropriate) Filing Date</u>
--------------------	----------------------------	------------------------	-------------	-------------	-----------------------	-------------------------------------

FOREIGN PATENT DOCUMENTS

<u>Ref. Desig.</u>	<u>Examiner's Initials</u>	<u>Document Number</u>	<u>Date</u>	<u>Country</u>	<u>Class/Subclass</u>	<u>(If appropriate) Filing Date</u>
--------------------	----------------------------	------------------------	-------------	----------------	-----------------------	-------------------------------------

AA	SEZ	WO 91/10741	7/91	PCT		
----	-----	-------------	------	-----	--	--

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

<u>Ref. Desig.</u>	<u>Examiner's Initials</u>
--------------------	----------------------------

AB	SEZ	Thomas, et al., "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells" (1987) <i>Cell</i> 51:503-512.
----	-----	---

AC	SEZ	Koller, et al., "Inactivating the $\beta_2$ -microglobulin locus in mouse embryonic stem cells by homologous recombination" (1989) <i>Proc. Nat'l. Acad. Sci.</i> 86:8932-8935.
----	-----	---

Examiner:

Date Considered: 6/21/94

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)  
Sheet 2 of 5

In the Application of

R. KUCHERLAPATI, ET AL.

Serial No. 08/031,801

Filed: 15 March 1993

Art Unit: Unknown

Examiner: Unknown

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
AD	<u>SEJ</u>	Berman, et al., "Content and organization of the human Ig V <sub>H</sub> locus: definition of three new V <sub>H</sub> families and linkage to the Ig C <sub>H</sub> locus" (1988) <i>EMBO J.</i> 7:727-738.
AE	<u>SEJ</u>	Burke, et al., "Cloning of Large Segments of Exogenous DNA into Yeast by Means of Artificial Chromosome Vectors" (1987) <i>Science</i> 236:806-812.
AF	<u>SEJ</u>	Garza, et al., "Mapping the <i>Drosophila</i> Genome with Yeast Artificial Chromosomes" (1989) <i>Science</i> 246:641-646.
AG	<u>SEJ</u>	Brownstein, et al., "Isolation of Single-Copy Human Genes from a Library of Yeast Artificial Chromosome Clones" (1989) <i>Science</i> 244:1348-1351.
AH	<u>SEJ</u>	Sakano, et al., "Identification and nucleotide sequence of a diversity DNA segment (D) of immunoglobulin heavy-chain genes" (1981) <i>Nature</i> 290:562-565.
AI	<u>SEJ</u>	Tucker, et al., "Mouse IgA heavy chain gene sequence: Implications for evolution of immunoglobulin hinge exons" (1981) <i>Proc. Nat'l. Acad. Sci.</i> 78:7684-7688.
AJ	<u>SEJ</u>	Blankenstein, et al., "Immunoglobulin V <sub>H</sub> region genes of the mouse are organized in overlapping clusters" (1987) <i>Eur. J. Immunol.</i> 17:1351-1357.
AK	<u>SEJ</u>	Joyner, et al., "Production of a mutation in mouse En-2 gene by homologous recombination in embryonic stem cells" (1989) <i>Nature</i> 338:153-155.

Examiner:

Date Considered:

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)  
Sheet 3 of 5

In the Application of

R. KUCHERLAPATI, ET AL.

Serial No. 08/031,801

Filed: 15 March 1993

Art Unit: Unknown

Examiner: Unknown

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
AL	<u>SEJ</u>	Traver, et al., "Rapid screening of a human genomic library in yeast artificial chromosomes for single-copy sequences" (1989) <i>Proc. Nat'l. Acad. Sci.</i> 86:5898-5902.
AM	<u>SEJ</u>	Pachnis, et al., "Transfer of a yeast artificial chromosome carrying human DNA from <i>Saccharomyces cerevisiae</i> into mammalian cells" (1990) <i>Pro. Nat'l. Acad. Sci.</i> 87:5109-5113.
AN	<u>SEJ</u>	Brüggemann et al., "A repertoire of monoclonal antibodies with human heavy chains from transgenic mice" (1989) <i>Proc. Nat'l. Acad. Sci.</i> 86:6709-6713.
AO	<u>SEJ</u>	Brüggemann et al., "Construction, Function and Immunogenicity of Recombinant Monoclonal Antibodies" (1990) <i>Behring Inst. Mitt.</i> 87:21-24.
AP	<u>SEJ</u>	Brüggemann et al., "Human antibody production in transgenic mice: expression from 100 kb of the human IgH locus" (1991) <i>Eur. J. Immunolog.</i> 21:1323-1326.
AQ	<u>SEJ</u>	Albertsen et al., "Construction and characterization of a yeast artificial chromosome library containing seven haploid human genome equivalents" (1990) <i>Proc. Nat'l. Acad. Sci.</i> 87:4256-4260.
AR	<u>SEJ</u>	Pavan et al., "Modification and Transfer into an Embryonal Carcinoma Cell Line of a 360-Kilobase Human-Derived Yeast Artificial Chromosome" (1990) <i>Mol. and Cell. Biol.</i> 10(8):4163-4169.

Examiner:

S. J. J. J.

Date Considered:

6/21/94

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

130

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)  
Sheet 4 of 5

In the Application of

R. KUCHERLAPATI, ET AL.

Serial No. 08/031,801

Filed: 15 March 1993

Art Unit: Unknown

Examiner: Unknown

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
AS	<u>SEJ</u>	Gnirke et al., "Cloning and <i>in vivo</i> expression of the human GART gene using yeast artificial chromosomes" (1991) <i>EMBO Journal</i> 10(7):1629-1634.
AT	<u>SEJ</u>	Eliceiri et al., "Stable integration and expression in mouse cells of yeast artificial chromosomes harboring human genes" (1991) <i>Proc. Nat'l. Acad. Sci.</i> 88:2179-2183.
AU	<u>SEJ</u>	Huxley et al., "The Human HPRT Gene on a Yeast Artificial Chromosome Is Functional When Transferred to Mouse Cells by Cell Fusion" (1991) <i>Genomics</i> 9:742-750.
AV	<u>SEJ</u>	Mortensen et al., "Production of Homozygous Mutant ES Cells with a Single Targeting Construct" (1992) <i>Mol. and Cell. Biol.</i> 12(5):2391-2395.
AW	<u>SEJ</u>	Davies et al., "Targeted alterations in yeast artificial chromosomes for inter-species gene transfer" (1992) <i>Nucl. Acids Res.</i> 20:2693-2698.
AX	<u>SEJ</u>	Zachau, "The Human Immunoglobulin $\kappa$ Locus and Some of its Acrobatics" (1990) <i>Biol. Chem.</i> 371:1-6.
AY	<u>SEJ</u>	Matsuda et al., "Structure and physical map of 64 variable segments in the 3' 0.8-megabase region of the human immunoglobulin heavy-chain locus" (1993) <i>Nature Genetics</i> 3:88-94.

Examiner:

Date Considered:

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)  
Sheet 5 of 5

In the Application of

R. KUCHERLAPATI, ET AL.

Serial No. 08/031,801

Filed: 15 March 1993

}  
}  
}  
}  
}  
}

Art Unit: Unknown

Examiner: Unknown

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref.  
Desig.

Examiner's  
Initials

AZ

SEJ

Shin et al., "Physical map of the 3' region of the human immunoglobulin heavy chain locus: clustering of autoantibody-related variable segments in one haplotype" (1991)  
*EMBO* 10:3641-3645

Examiner:

S. Zuba

Date Considered:

6/21/94

EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.